

Title (en)

TWO-LIQUID TYPE URETHANE PAINT COMPOSITION

Title (de)

URETHANLACK MIT ZWEI FLÜSSIGEN KOMPONENTEN

Title (fr)

COMPOSITION DE PEINTURE D'URÉTHANE DE TYPE À DEUX LIQUIDES

Publication

EP 2391684 A1 20111207 (EN)

Application

EP 10702543 A 20100119

Priority

- IB 2010000087 W 20100119
- JP 2009032896 A 20090216

Abstract (en)

[origin: WO2010086701A1] To provide a two-liquid type urethane paint composition with which the use-time (pot-life) is extended and with which good painting operability can be obtained. [Means of Resolution] A two-liquid type urethane paint composition which comprises: a main agent including, per 100 parts by mass as solid fraction of hydroxyl group-containing resin (A), from 2 to 35 parts by mass as effective component of hydrolyzable ester compound (B) and from 2 to 10 parts by mass of alcohol-based solvent (C); and a curing agent including a polyisocyanate compound (D), and the hydroxyl groups of the hydroxyl group-containing resin (A) and the functional groups of the polyisocyanate compound (D) are mixed in proportions of from 0.5 to 1.5 as the mol ratio NCO/OH.

IPC 8 full level

C09D 175/04 (2006.01); **C08G 18/28** (2006.01); **C08G 18/62** (2006.01); **C08G 18/79** (2006.01)

CPC (source: EP KR US)

C08G 18/28 (2013.01 - KR); **C08G 18/62** (2013.01 - KR); **C08G 18/6254** (2013.01 - EP US); **C08G 18/79** (2013.01 - KR); **C08G 18/792** (2013.01 - EP US); **C09D 175/04** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2010086701A1

Citation (examination)

- US 2011059251 A1 20110310 - POPPE ANDREAS [CN], et al
- WO 2010063332 A1 20100610 - BASF COATINGS AG [DE], et al
- US 2011245406 A1 20111006 - KLEIN GUENTER [DE], et al
- "Nacure 4167", 1 January 2003 (2003-01-01), pages 1, XP055075753, Retrieved from the Internet <URL:http://www.kingindustries.com/assets/1/7/N41671.pdf> [retrieved on 20130820]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010086701 A1 20100805; CN 102209763 A 20111005; EP 2391684 A1 20111207; JP 2010189480 A 20100902; JP 5443779 B2 20140319; KR 20110116121 A 20111025; US 2011301271 A1 20111208

DOCDB simple family (application)

IB 2010000087 W 20100119; CN 201080003136 A 20100119; EP 10702543 A 20100119; JP 2009032896 A 20090216; KR 20117013835 A 20100119; US 201013201768 A 20100119